

Sampling Time Periods		
Upload Period	Entry Period	Sample Period
1 day — 208a	1 hour — 206a	1 minute — 204a
10 minutes — 208b	1 minute — 206b	10 sec — 204b

Fig. 2A

Data Acquisition Methods				
IBM AIX	Solaris	HP UX	Linux	Windows
Virtual Device (/dev/kmem)	/proc virtual filesystem	Ioctl's to device drivers	Ioctl's to device drivers	Registry
System Calls	System calls	System calls	System calls	System calls
	IOCTL.S		/proc virtual filesystem	Ioctl's to device drivers

Fig. 2B

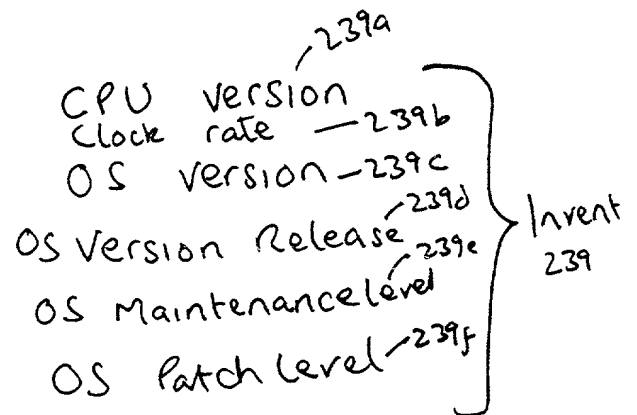
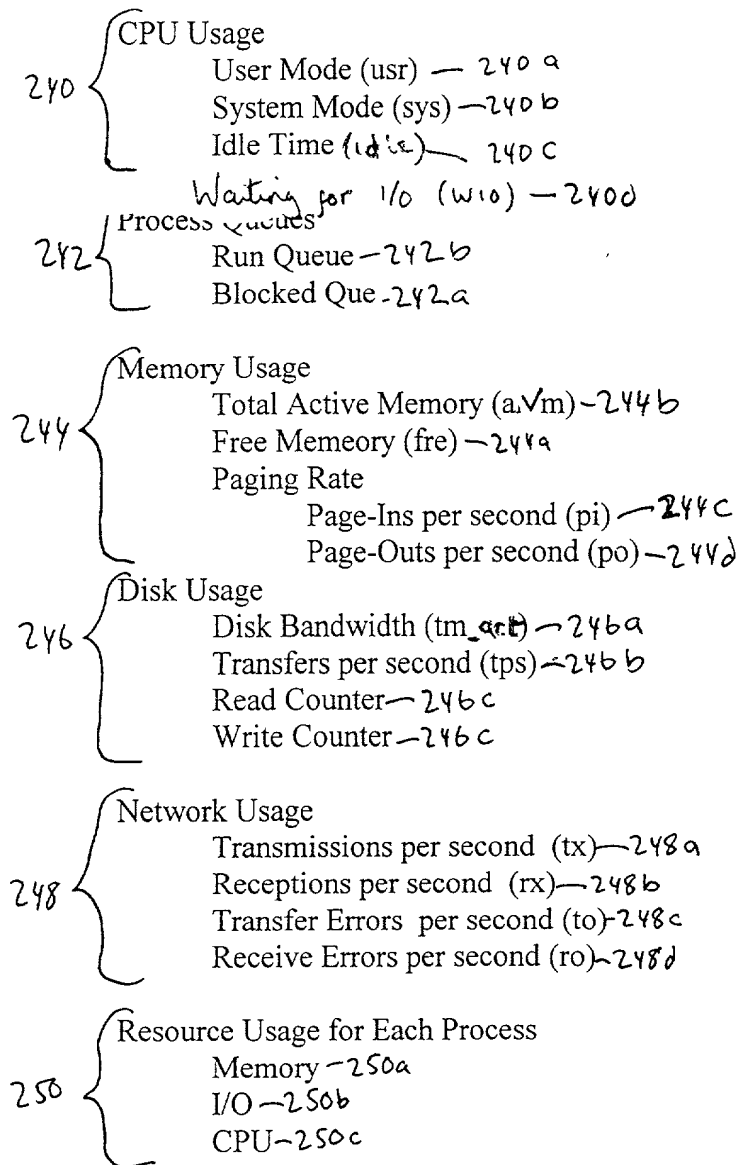
CPU Usage

Threshold < 75% — 270
Tolerance < 40% — 272

	> Threshold (75%)	< Threshold (75%)
< Tolerance (40%)	<p>CPU Usage was a <u>problem</u> as the average usage was sometimes above 75%. However, the average usage was above 75% for only 40% of the monitored period</p>	<p>CPU Usage was not a problem as shown in the graph below, with its average usage not exceeding 75%</p>
> Tolerance (40%)	<p>CPU Usage was a <u>problem</u> as the average usage was sometimes above 75%. The average usage was above 75% for more than 40% of the monitored period</p>	

Fig. 2D

Data Collected



252 - Paging Space Occupancy

254 - File System Occupancy

256 - Logical Drive Occupancy

Fig. 2c

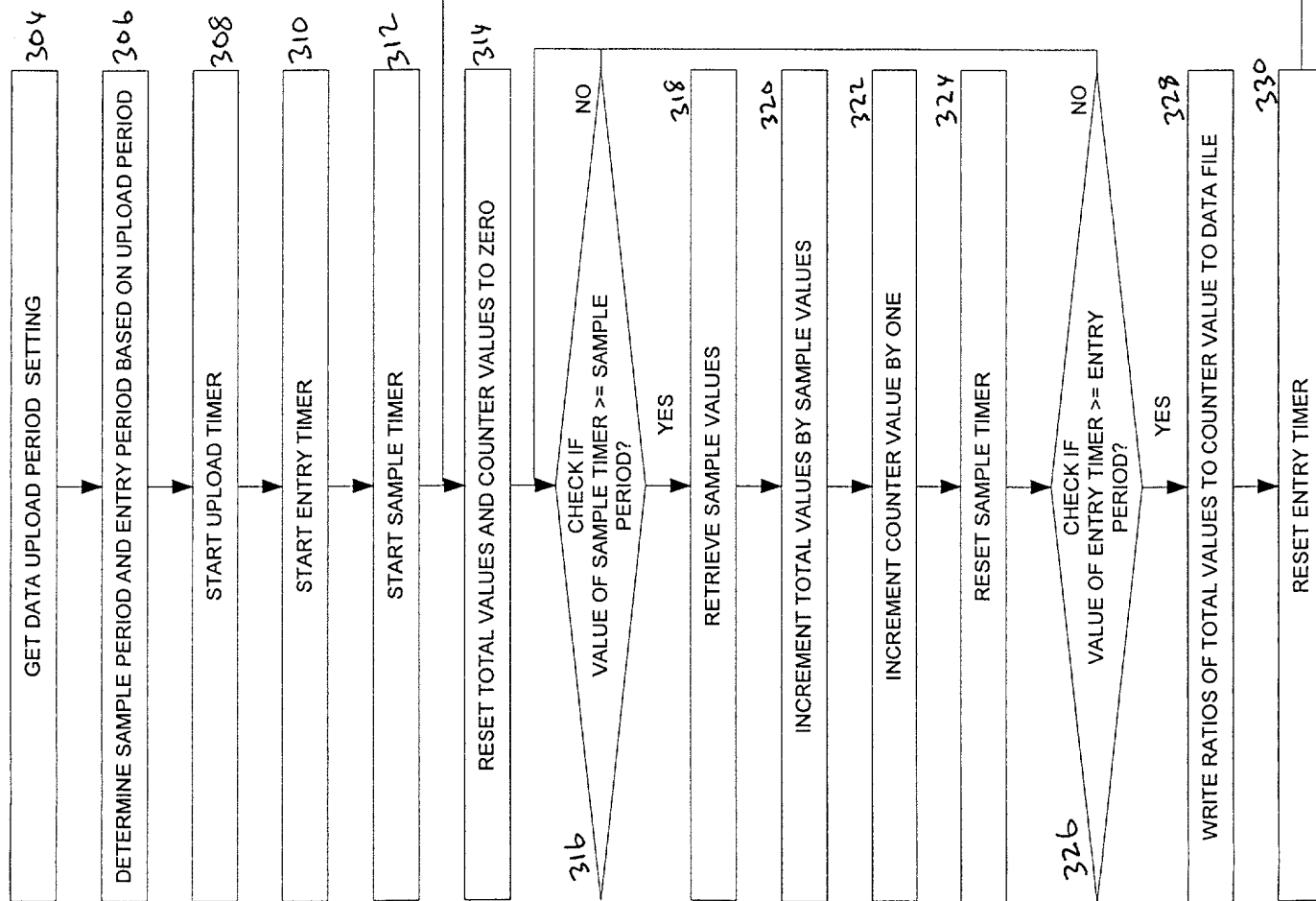


Fig. 3

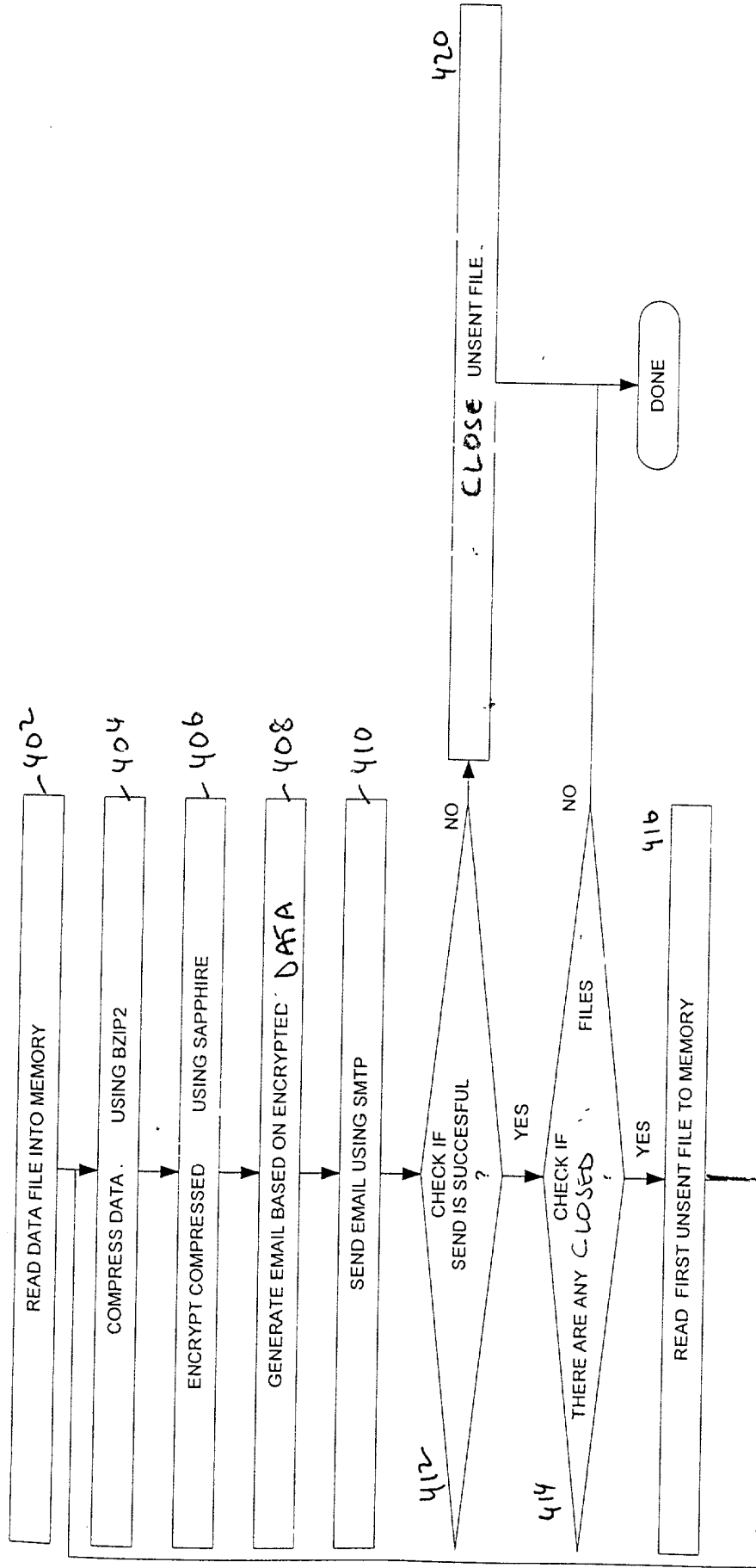


Fig 4

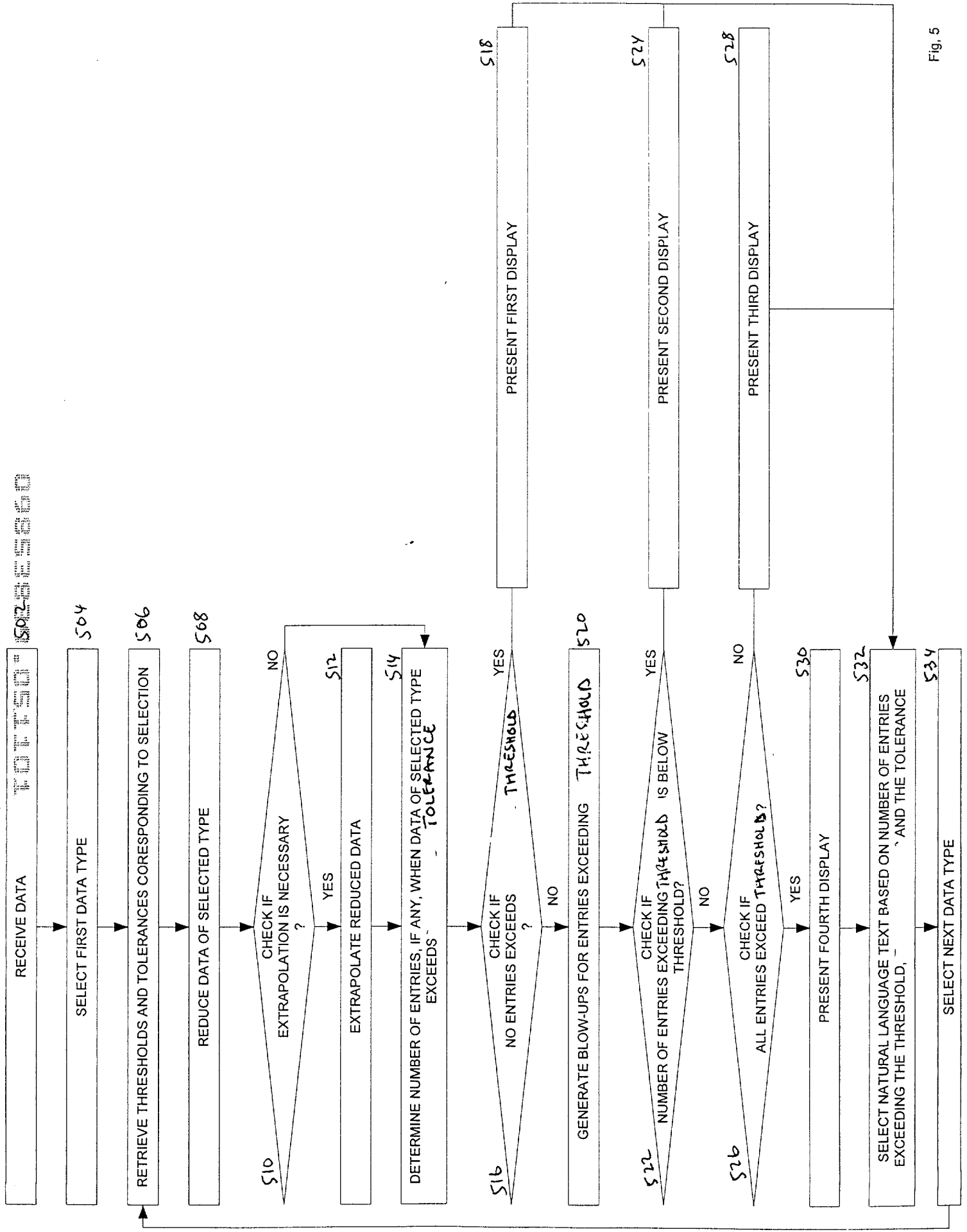


Fig. 5

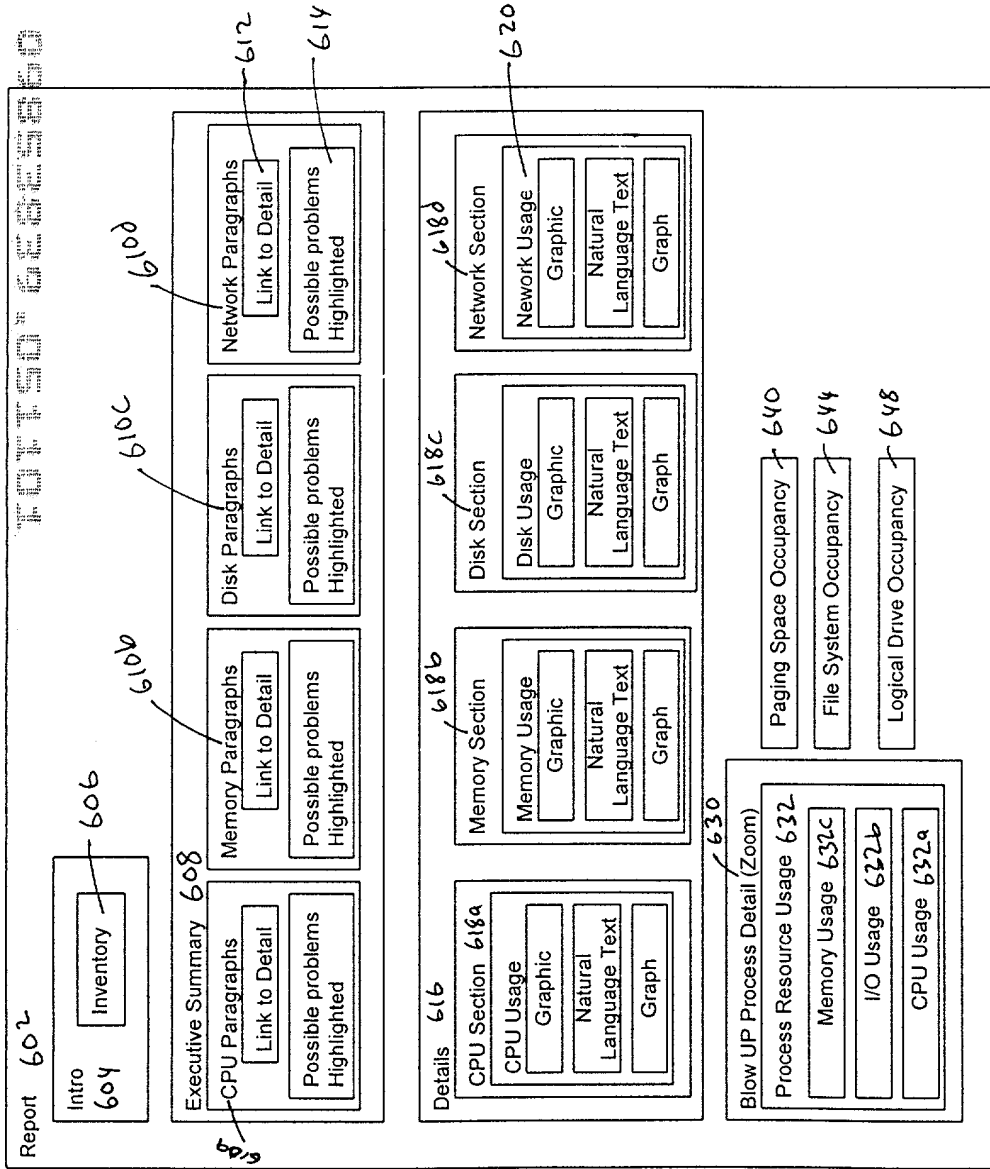


Fig 6

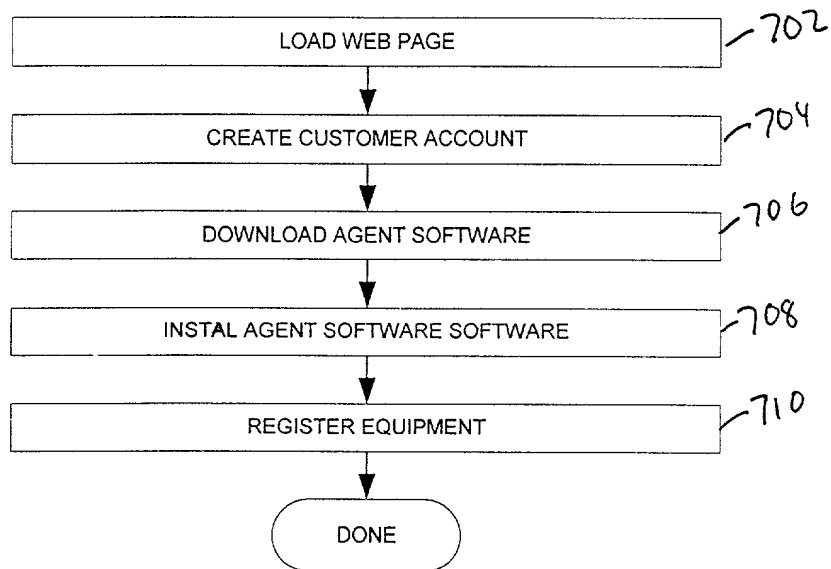


FIG. 7

101130 000000

Automatos - The Automatic MSP (Management Service Provider) - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Go Links

Address http://www.automatos.com/en/

804

806

808

802

THE COMPANY SERVICES DOWNLOAD CONTACT US

Management Service Provider

NEW!

Capacity Wizard

planning the future of your IT environment

Download Now!

NEW! THE AUTOMATIC MSP

QUICK START

YOUR ACCOUNT

TECHNICAL SUPPORT

CLIENTS

MSP ?

BE OUR PARTNER!

SEND THIS SITE

CHOOSE YOUR FAVORITE LANGUAGE

English

SELECTED ENTREPRENEUR

808

Management Service Provider - An MSP provides management services to IT systems and electronic devices through the internet.

msp association executive member

>> read more

X-Ray Report

The X-Ray Report presents conclusive information in natural language telling you what is going on with your server.

>> see example

New Clients

Banco Santander

Submarino

Dedalus com

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http://www.automatos.com/en/company/clients.html

Fig. 8

Performance Wizard - an automatic MSP service from Automatos - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Messenger

Address http://www.automatos.com/en/services/quickstart.html

Go Links

TECHNICAL SUPPORT

CLIENTS

MSP ?

BE OUR PARTNER!

SEND THIS SITE

QUICK START

Steps

Create Your Account

Download Agent

Install Agent

Register Equipment

You're Done!

904

906

902

1) Create Your Account

We recommend printing this page. It will help you to follow the instructions and links you have to navigate in order to successfully install and use Performance Wizard software agent in your system

- Click in the New Account link and fill out the form with your company data. If you want to know how Automatos cares about your data, take a look at our Privacy Policy statement.
- Please, fill in the form carefully, specially your e-mail address. You will be required to input your e-mail and your password twice to avoid errors. Your e-mail will be the crucial communication channel with **AUTOMATOS**.
- If you have correctly filled all the data in the form, after you click the Submit button.
- You will receive a Customer ID in the next page.
- A confirmation e-mail will be sent to you containing your Customer ID and all the data you filled in.

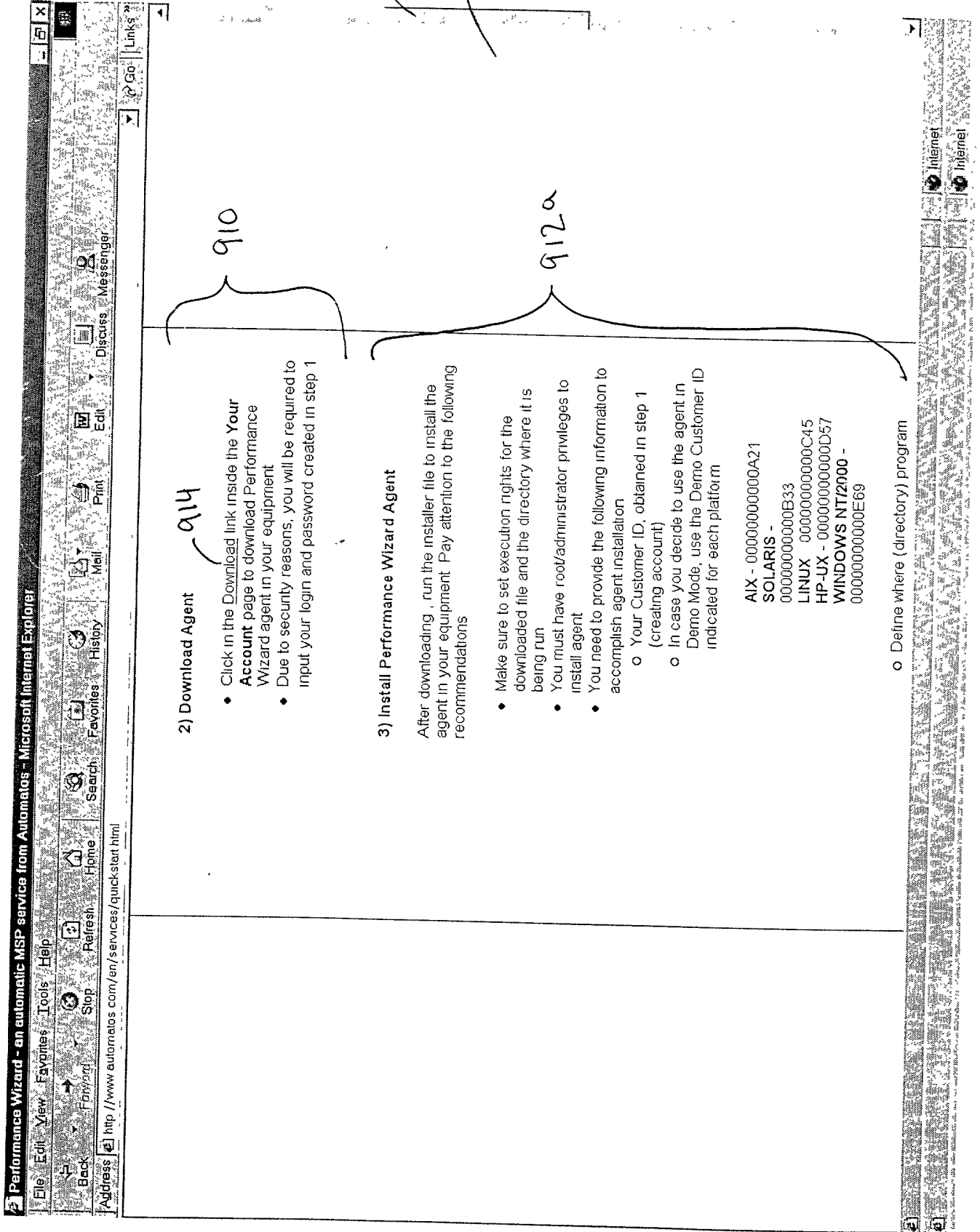
The CustomerID will be necessary during software agent installation. We recommend printing the feedback page or the e-mail you received to help you at the installation step (step 3)

2) Download Agent

Done

Fig. 9

Fig. 10



Performance Wizard - an automatic MSP service from Automatos - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Messenger

Address http://www.automatos.com/en/services/quickstart.html

being run

- You must have root/administrator privileges to install agent
- You need to provide the following information to accomplish agent installation
 - Your Customer ID, obtained in step 1 (creating account)
 - In case you decide to use the agent in Demo Mode, use the Demo Customer ID indicated for each platform

9120

AIX - 000000000000A21
 SOLARIS - 000000000000B33
 LINUX - 000000000000C45
 HP-UX - 000000000000D57
 WINDOWS NT/2000 - 000000000000E69

9126

- Define where (directory) program binaries should be installed
- Define where (directory) collected data should be saved
- Define where (directory) log file should be saved
- Your SMTP server name or IP address
- email address to whom collected data should be sent
- Sender email address (must have a valid domain!)
- Decide whether agent should be started at boot time or not

After successfully accomplishing installation, the agent will generate a Machine ID number and show it on the screen. Take note of this number to use in the next step.

902

Internet

Fig. 11



920

922

924

TOP SECRET

Fig. 13

Availability of Automatos' MSP Services - Microsoft Internet Explorer

Address: http://www.automatos.com/en/services/register.html

PERSONAL DATA

Salutation (Mr., Mrs., Dr., etc., if applicable)
— 1302

* First Name — 1304

* Last Name — 1306

Which job title best applies to you?
Click to select — 1308

Which option best describes your department?
Click to select — 1310

How did you hear about AUTOMATOS ?
Click to select — 1312

Choose the language of your preference.
English — 1314

This language will be the main language used in reports and e-mail sent by Automatos
If you don't make any choice, english will be used by default

COMPANY DATA

Done

Internet

1300a

Fig. 14

Availability of Automatos' MSP Services - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Messenger

Address http://www.automatos.com/en/services/register.html

Go Links

COMPANY DATA

Company Name (if applicable): 1320

* Address: 1322

* City: 1324 State: 1326

* Zip: 1328 * Country: United States 1330

* Area Code: 1332 * Phone: 1334

Fax: 1336

Company Industry: 1338

Click to select

How many employees in entire company? (if applicable)

Click to select 1340

How many servers in entire company?

Click to select 1342

How many server pools in entire company?

Click to select 1344

Done

Internet

Top of the Page

1300b

TOP SECRET

Fig. 15

Availability of Automatos MSP Services - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Messenger

Address <http://www.automatos.com/en/services/register.html> Go Links

Internet

LOGIN DATA

* e-mail: 1350

This e-mail will be the main communication channel between you and AUTOMATOS. Enter one only email!

* Confirm your e-mail to avoiding errors 1352

* Choose an Account Login Name: 1354

* Choose a password: 1356

* Confirm password: 1358

Write down a Password retrieval question. It will be used to identify you to help you get your password back in case you forget it.

Exs: What's your mother's maiden name? What's your favorite dish? 1360

Answer to password retrieval question 1362

☒ 1364 Yes, I would like AUTOMATOS to send me offers and information by email

Top of the Page

Done

1300c

Microsoft Internet Explorer

Fig. 16

Availability of Automatos MSP Services - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Messenger

Address http://www.automatos.com/en/services/register.html

Write down a Password retrieval question.
It will be used to identify you to help you get your password back in case you forget it.

Exs: What's your mother's maiden name? What's your favorite dish?

Answer to password retrieval question

☒ Yes, I would like AUTOMATOS to send me offers and information by email

Top of the Page

If you have correctly filled all the data above, after you click the Submit button below

- You will receive a CustomerID in the next page
- A confirmation e-mail will be sent to you containing CustomerID and all the data filled above

The CustomerID will be necessary during software agent installation. We recommend printing the feedback page or the e-mail you've received to help you install the agent.

Submit Clear

Home Top of the Page

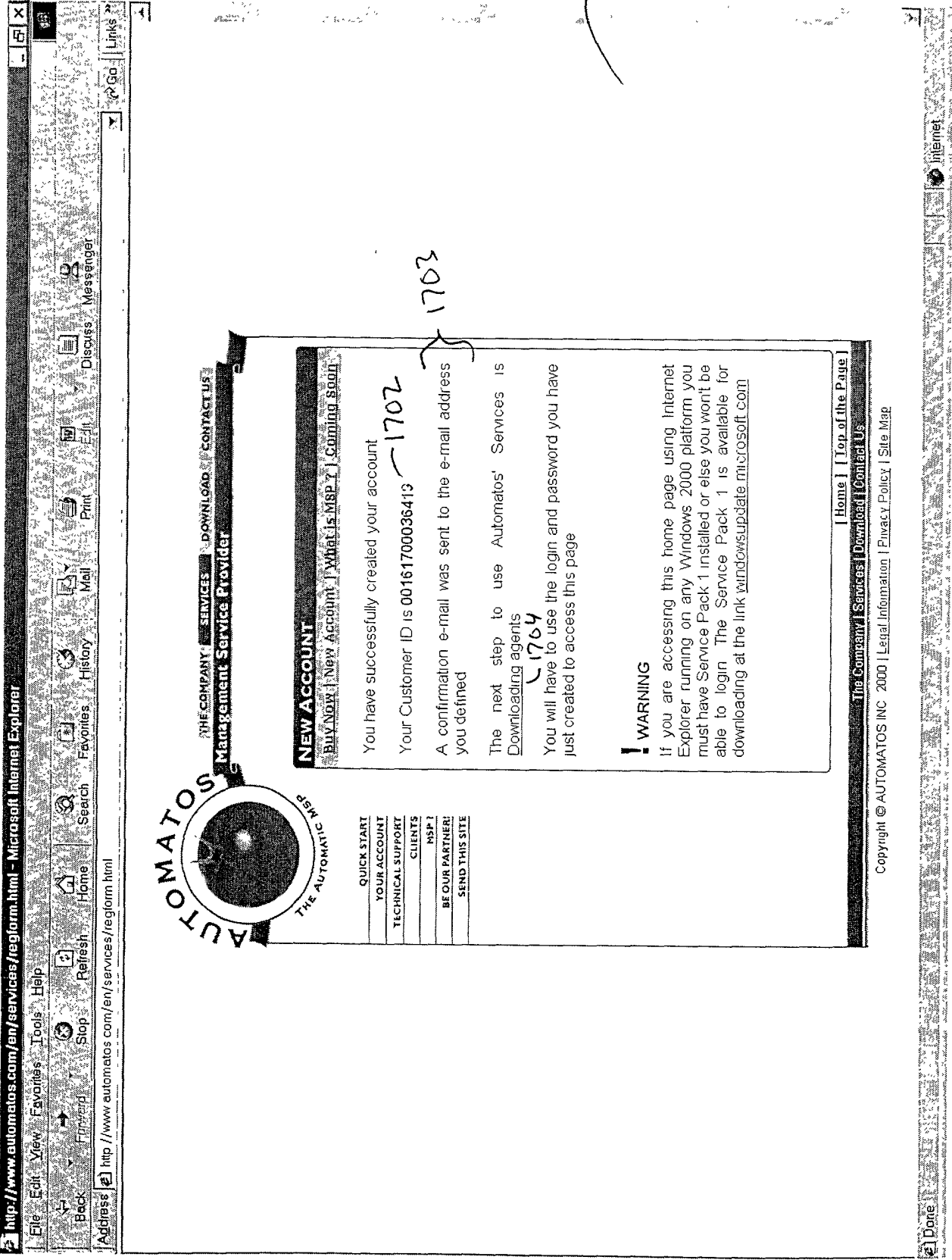
The Company Services Download Contact Us

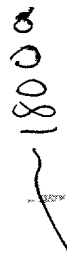
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13000

1370 1372

Fig. 17





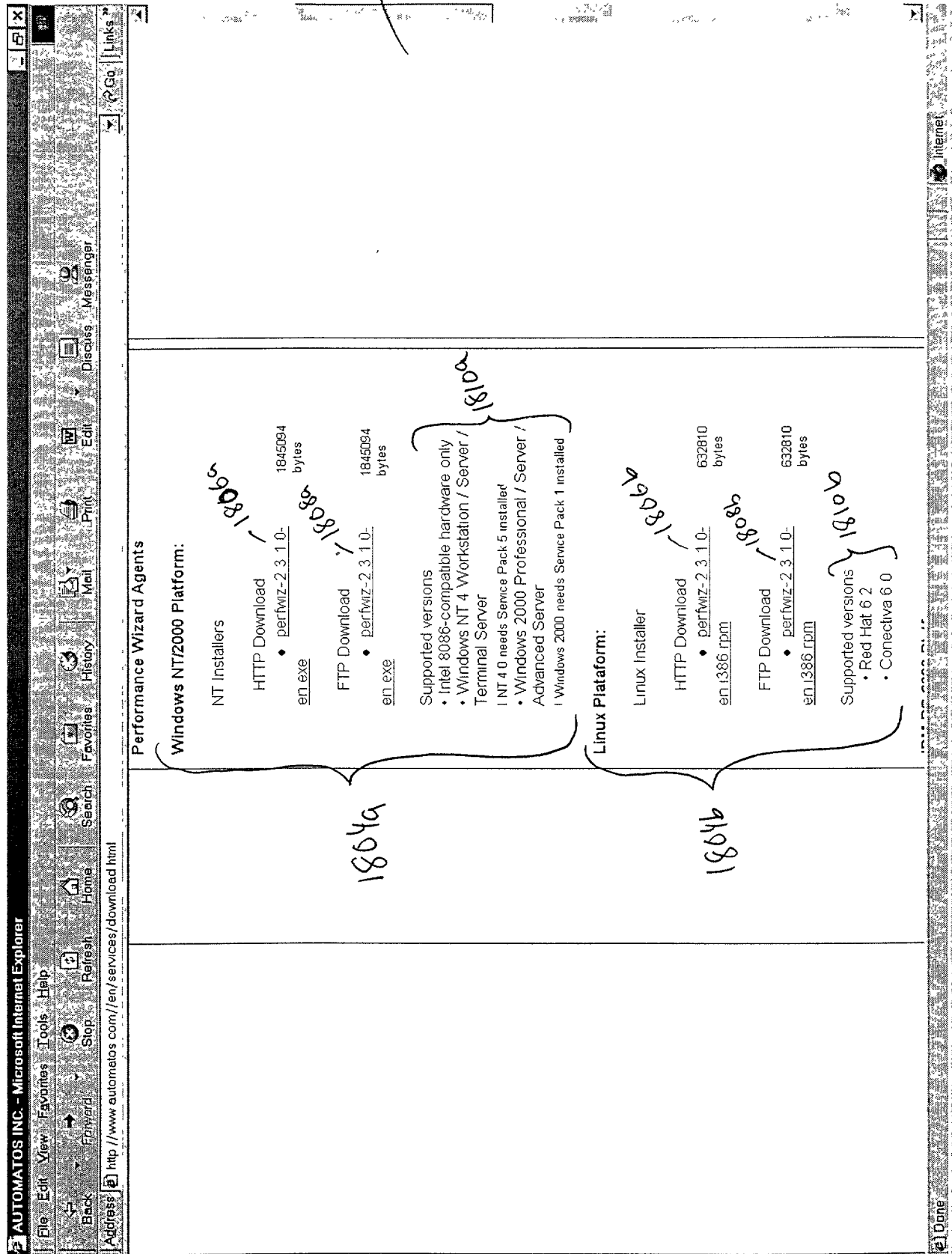


Fig. 20

AUTOMATOS INC. - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Edit Discuss Messenger

Address: http://www.automatos.com/en/services/download.html

IBM RS 6000 Platform:

AIX Installers

1804c {

HTTP Download

• perfwiz-2.3.1.0-en.bff 972800 bytes

• perfwiz-2.3.1.0-en.bff.gz 580744 bytes

FTP Download

• perfwiz-2.3.1.0-en.bff 972800 bytes

• perfwiz-2.3.1.0-en.bff.gz 580744 bytes

Supported versions

• AIX 4.3.2 and 4.3.3 } 1810c

SUN Platforms:

SUN SPARC Installers

1804d {

HTTP Download

• perfwiz-2.2.2.0-en.sparc 1186816 bytes } 1806d

• perfwiz-2.2.2.0-en.sparc.gz 567628 bytes

FTP Download

• perfwiz-2.2.2.0-en.sparc 1186816 bytes } 1808d

• perfwiz-2.2.2.0-en.sparc.gz 567628 bytes

SUN INTEL Installers

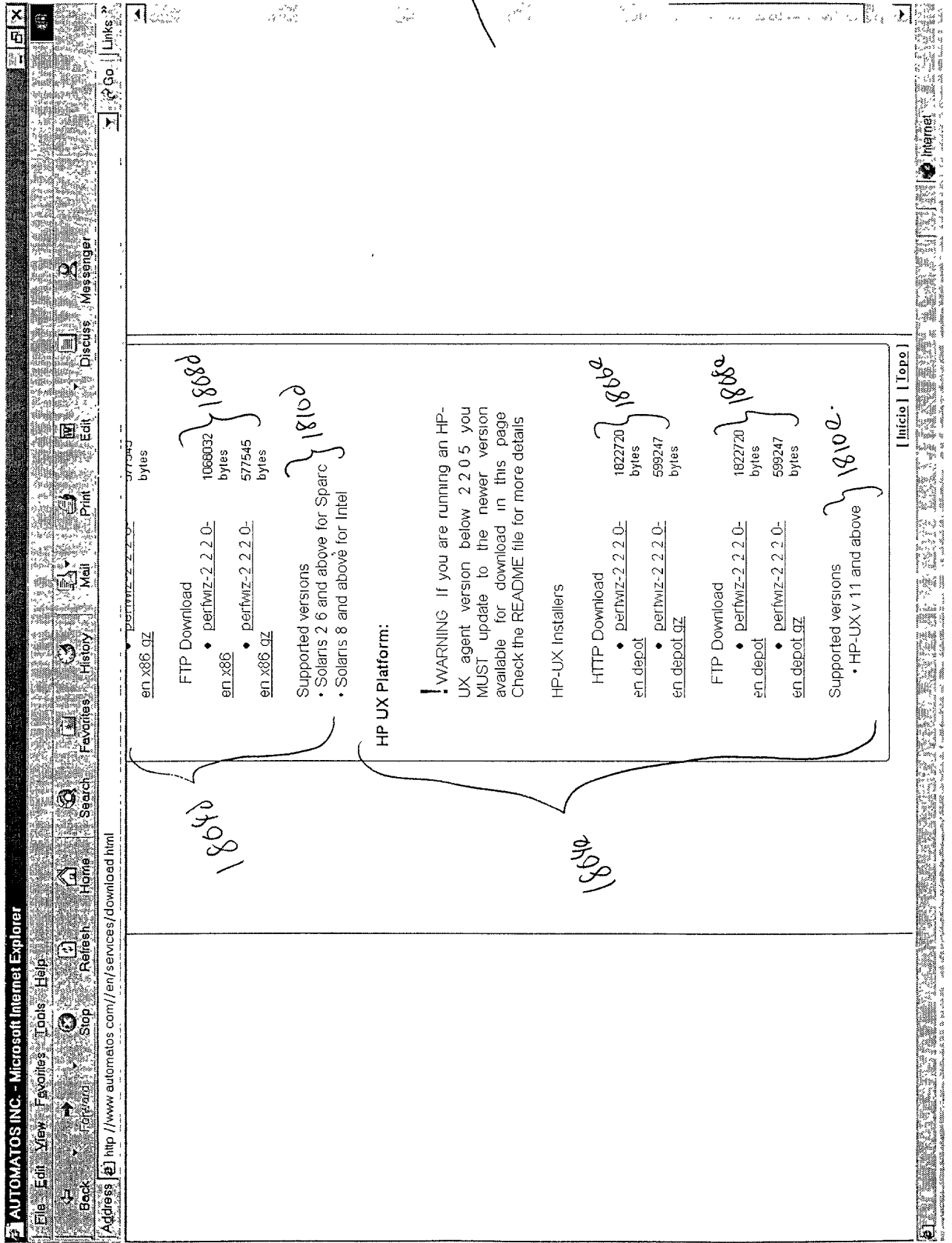
HTTP Download

• perfwiz-2.2.2.0-en.x86 1068032 bytes } 1806d

• perfwiz-2.2.2.0-en.x86.gz 577545 bytes

1800c

Fig. 21



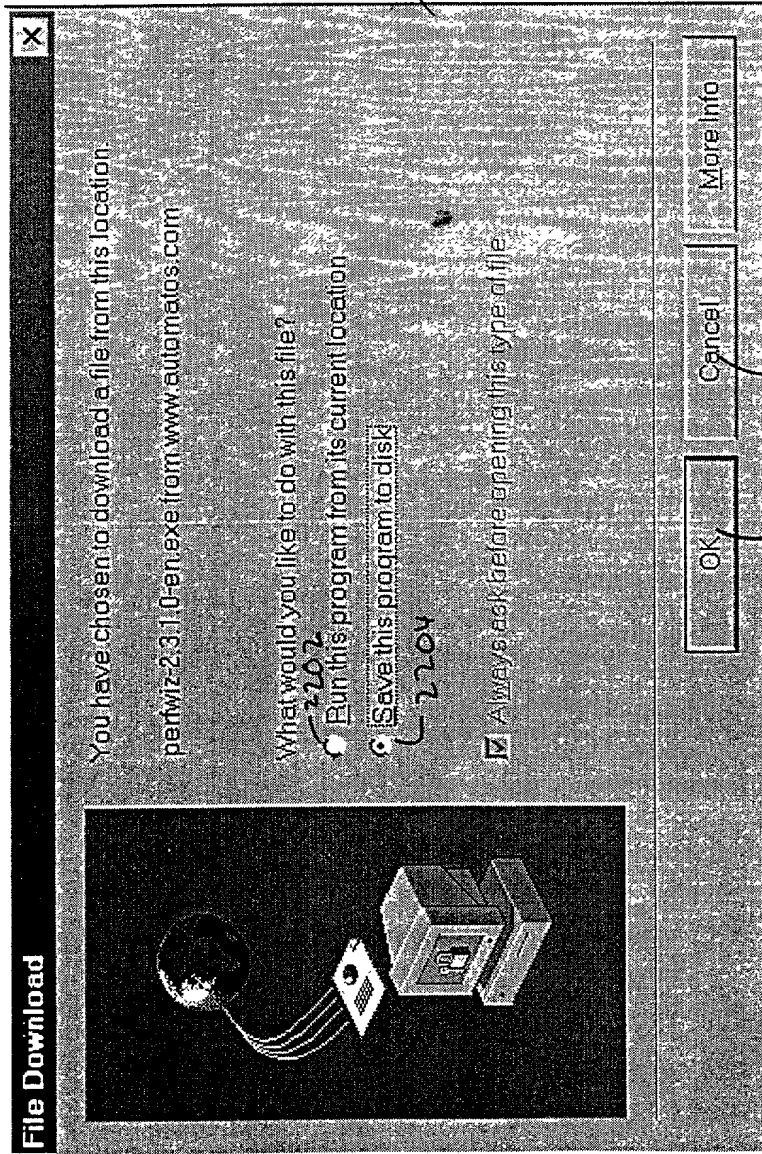


fig. 22

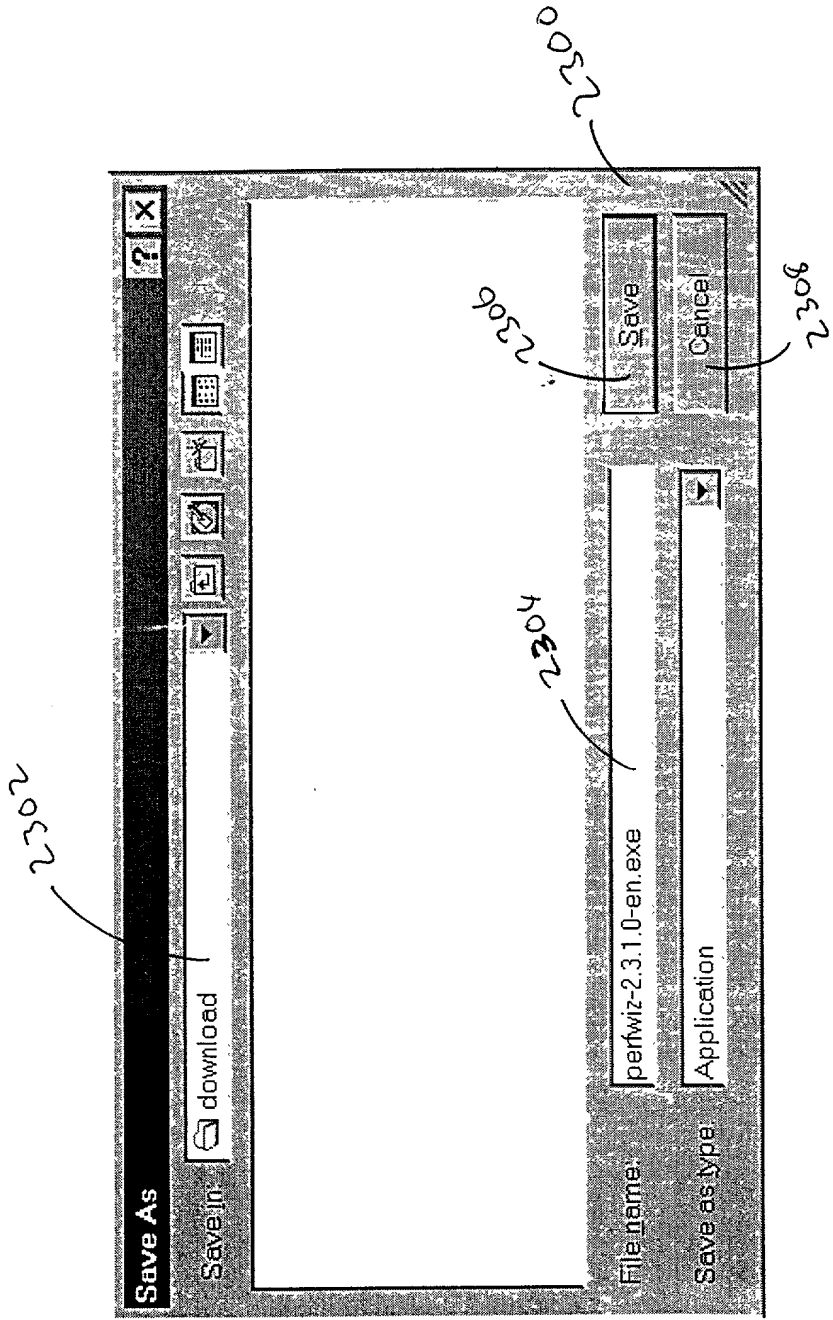


fig. 23

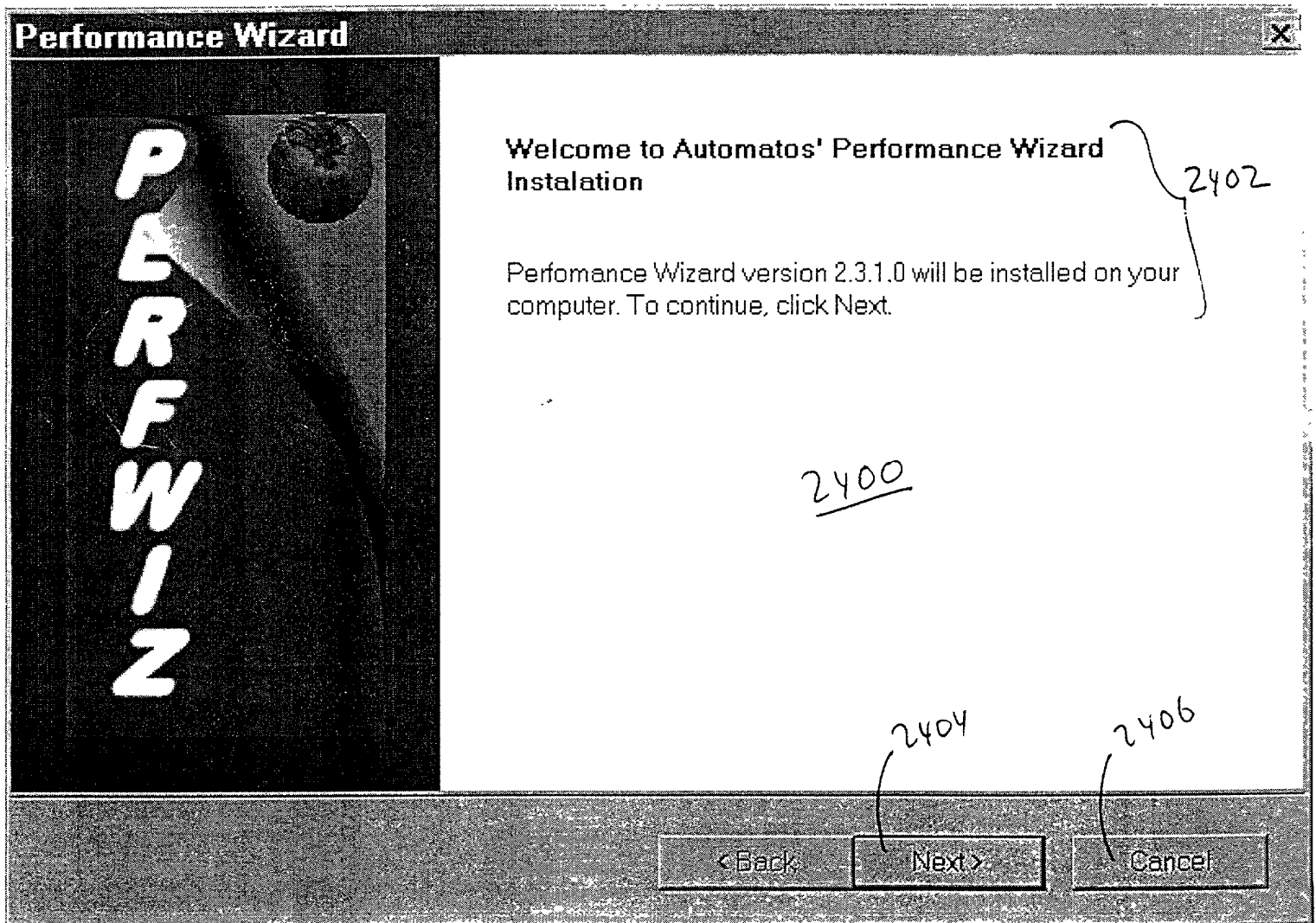


Fig. 24

Performance Wizard



CustomerID

Please inform your customerID.



If you have a CustomerID (assigned to you during your enrollment with Automatos Inc.) enter it now.

Otherwise accept the default to try out the performance analysis service for a limited period free of charge. Check www.automatos.com for details.

CustomerID:

00000000000000000000-2502

2500

InstallShield

< Back

Next >

Cancel

2506

2504

2508

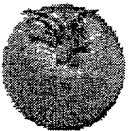
Fig. 25

Performance Wizard



SMTP

SMTP server and sender information



If you have an SMTP server in your organization, enter its name or IP address.
Otherwise accept the default to use Automatos's SMTP server.
Note: Automatos's SMTP server uses port 25. If you are behind a firewall, make sure this port is not blocked.

SMTP server:

mail.automatos.com — 2602

SMTP port:

25 — 2604

e-mail from:

2600

InstallShield

< Back

Next >

Cancel

Fig. 26

Performance Wizard



Choose Destination Location

Select folder where Setup will install files.



Setup will install Performance Wizard in the following folder:

To install to this folder, click Next. To install to a different folder, click Browse and select another folder.

2700

Destination Folder

C:\Program Files\Automatos\Performance Wizard

Browse...

2702

2704

InstallShield

< Back

Next >

Cancel

2706

fig. 27

Performance Wizard



Setup Type

Select the Setup Type to install.



Click the type of Setup you prefer, then click Next.

- ☒ Typical Program will be installed with the most common options. Recommended for most users.
- ☐ Compact Program will be installed with minimum required options.
- ☐ Custom You may choose the options you want to install. Recommended for advanced users.

InstallShield

< Back

Next >

Cancel

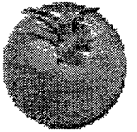
fig. 28

Performance Wizard



Select Components

Choose the components Setup will install.



Select the components you want to install, and clear the components you do not want to install.

- ☒ Program Files
- ☒ Documentation
- ☐ Samples

} 2902

Description

Executable Files and DLLs

2900

Space Required on C: 2052 K

Space Available on C: 1180496 K

InstallShield

< Back

Next >

Cancel

Fig. 29

Performance Wizard



Service Enablement



Service enablement is required to inform the e-mail to whom analysis reports will be sent

☒ Enable the service for this host now

☐ Do it later at www.automatos.com

InstallShield

< Back

Next >

Cancel

Fig. 30

Performance Wizard



Enablement information



Please, inform the e-mail address to whom analysis report should be sent.

Performance analysis reports can be encrypted. To enable encryption enter an encryption password and confirm it.

e-mail to:

3102

Password:

3104

Confirm password:

3106

InstallShield

3108

< Back

Next >

Cancel

Fig. 31

Performance Wizard



Enablement information



C> OPEN mail.automatos.com port 25
S> 220 automatos.com ESMTP Sendmail 8.9.3/8.8.7; Wed, 2 May 2001 19:03:29 +0400
C> HELO
S> 250 automatos.com Hello marialexandre.interaction.com.br [200.198.86.6], pleased to meet you
C> MAIL FROM: mca@pobox.com
S> 250 <mca@pobox.com>... Sender ok
C> RCPT TO: enrollment@automatos.com
S> 250 <enrollment@automatos.com>... Recipient ok
C> DATA
S> 354 Enter mail, end with "." on a line by itself
C> sending data
S> 250 TAA20857 Message accepted for delivery
C> QUIT
S> 221 automatos.com closing connection

3202

InstallShield

Done!!!

3200

<Back

3204
Next>

Cancel

Fig. 32

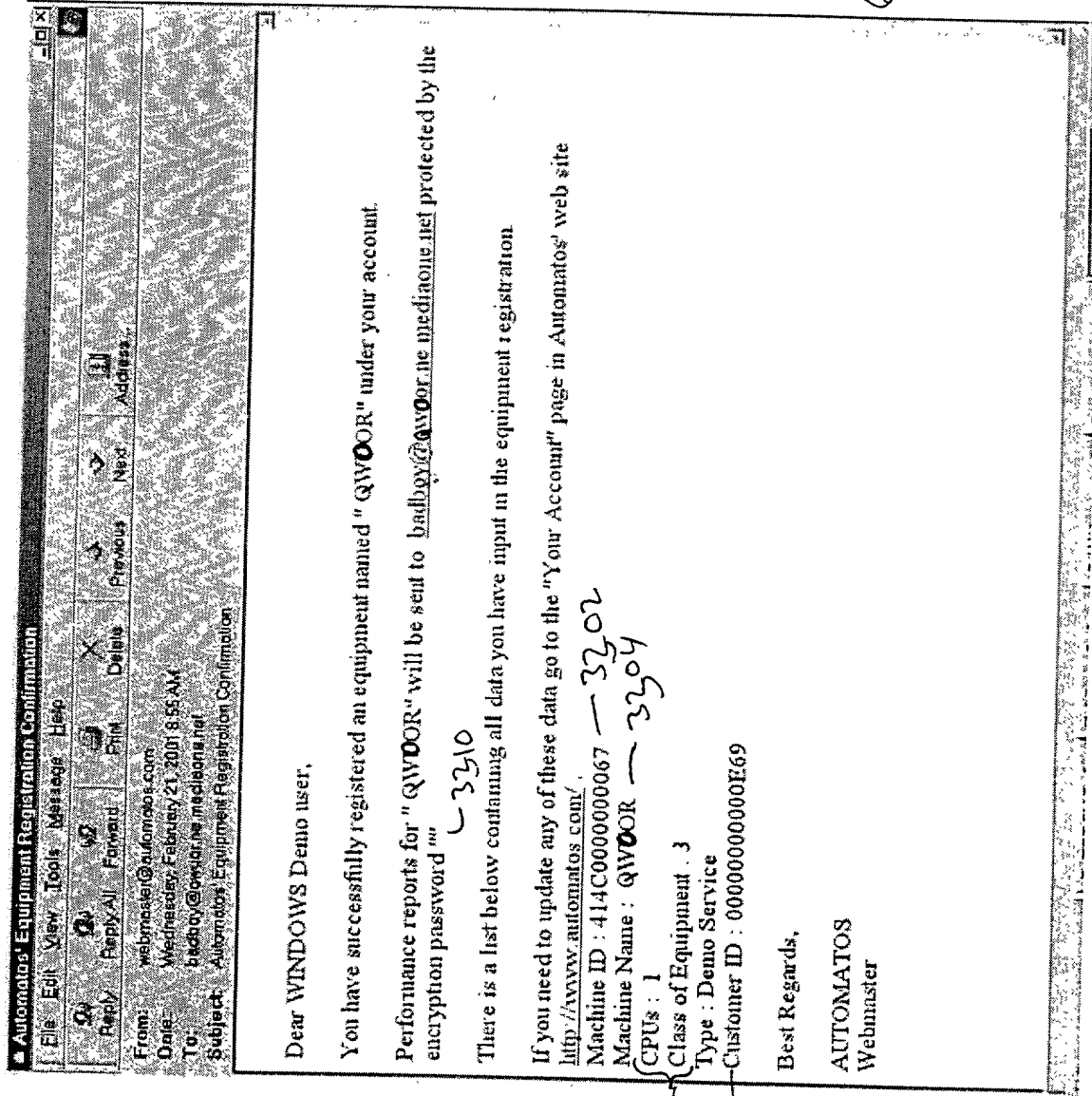


fig. 33

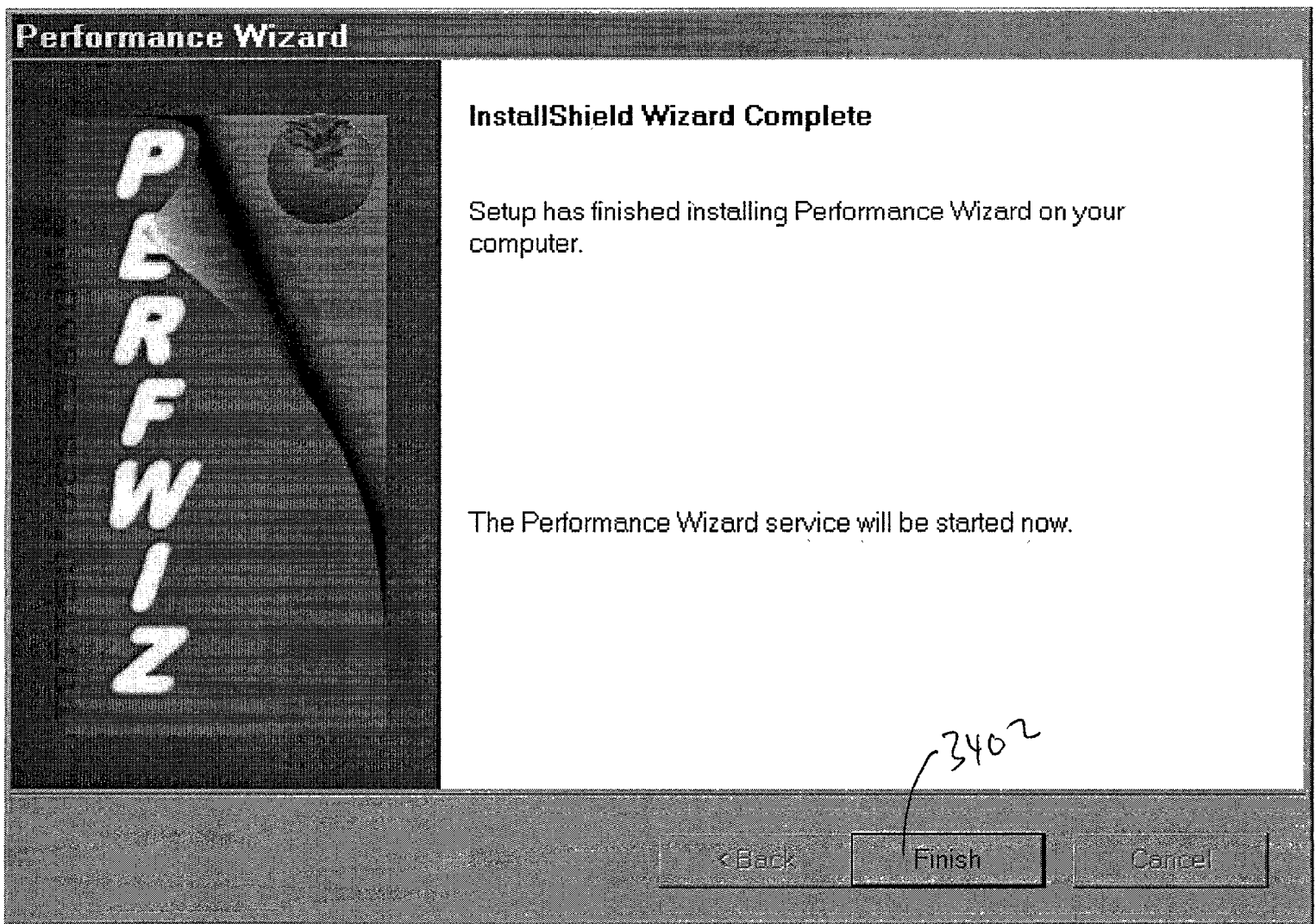
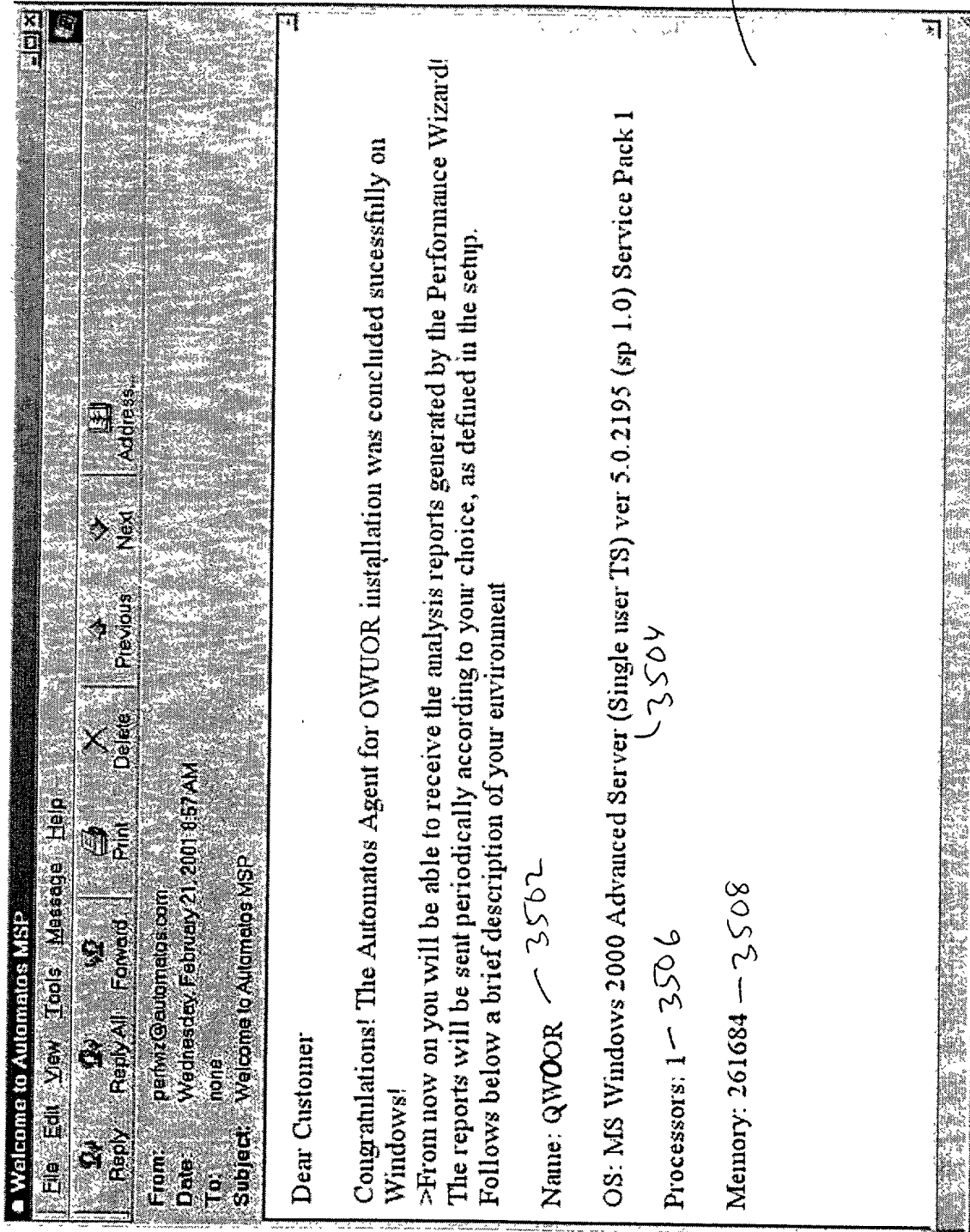


Fig. 34



3500

101150" 688E5860

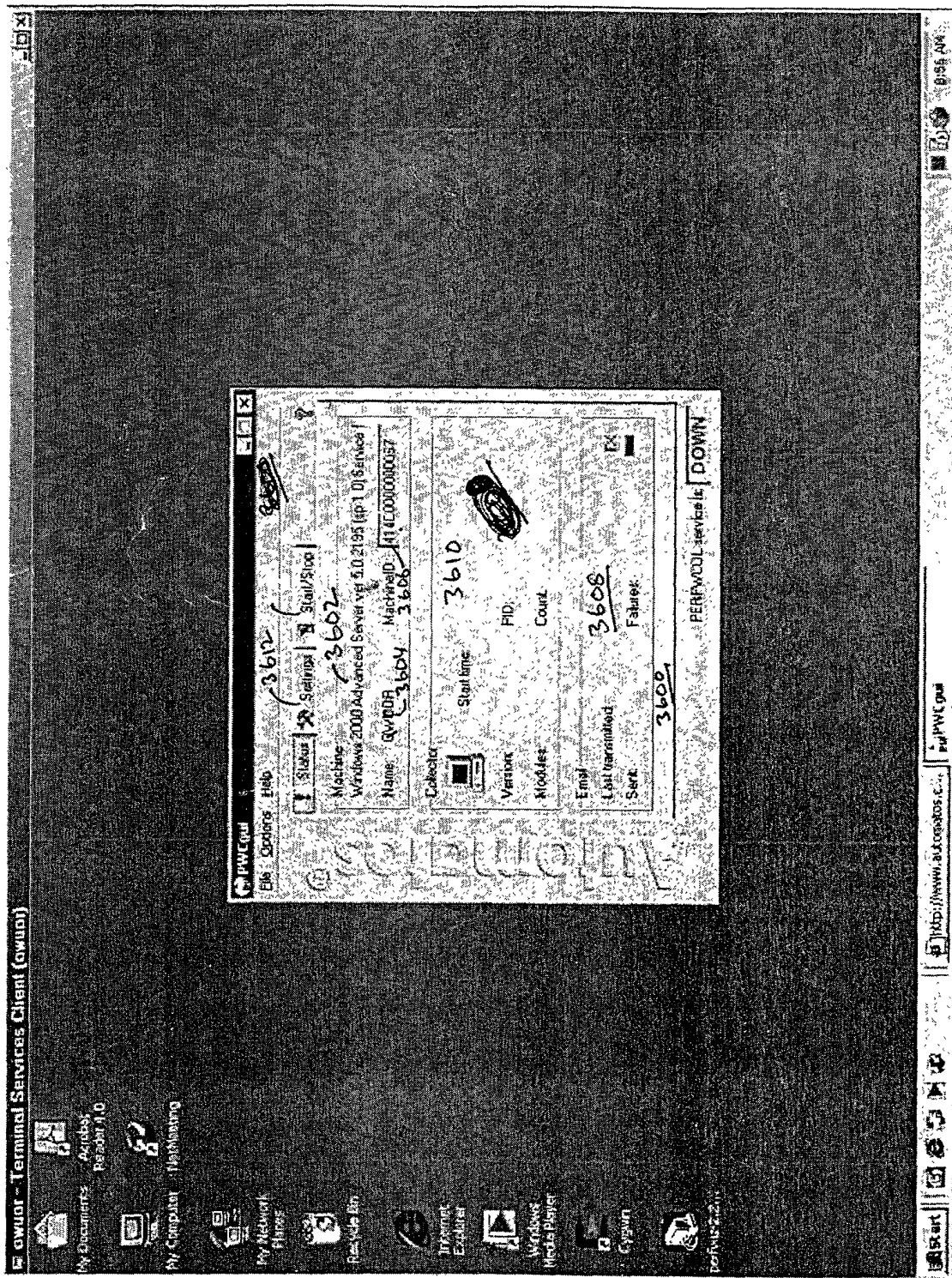


fig. 36

FOR 50" 6825500

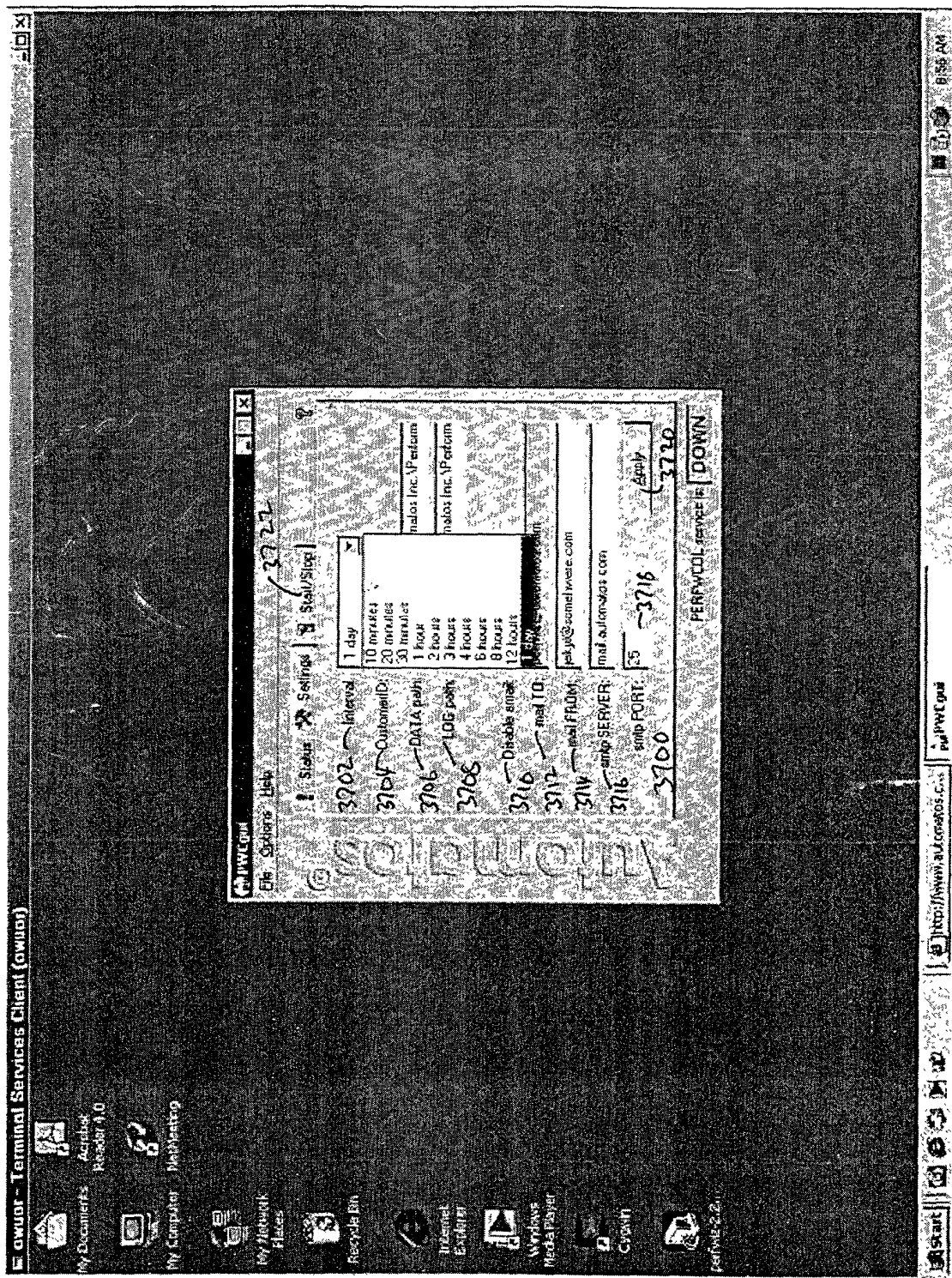


fig. 37

101150"688E350

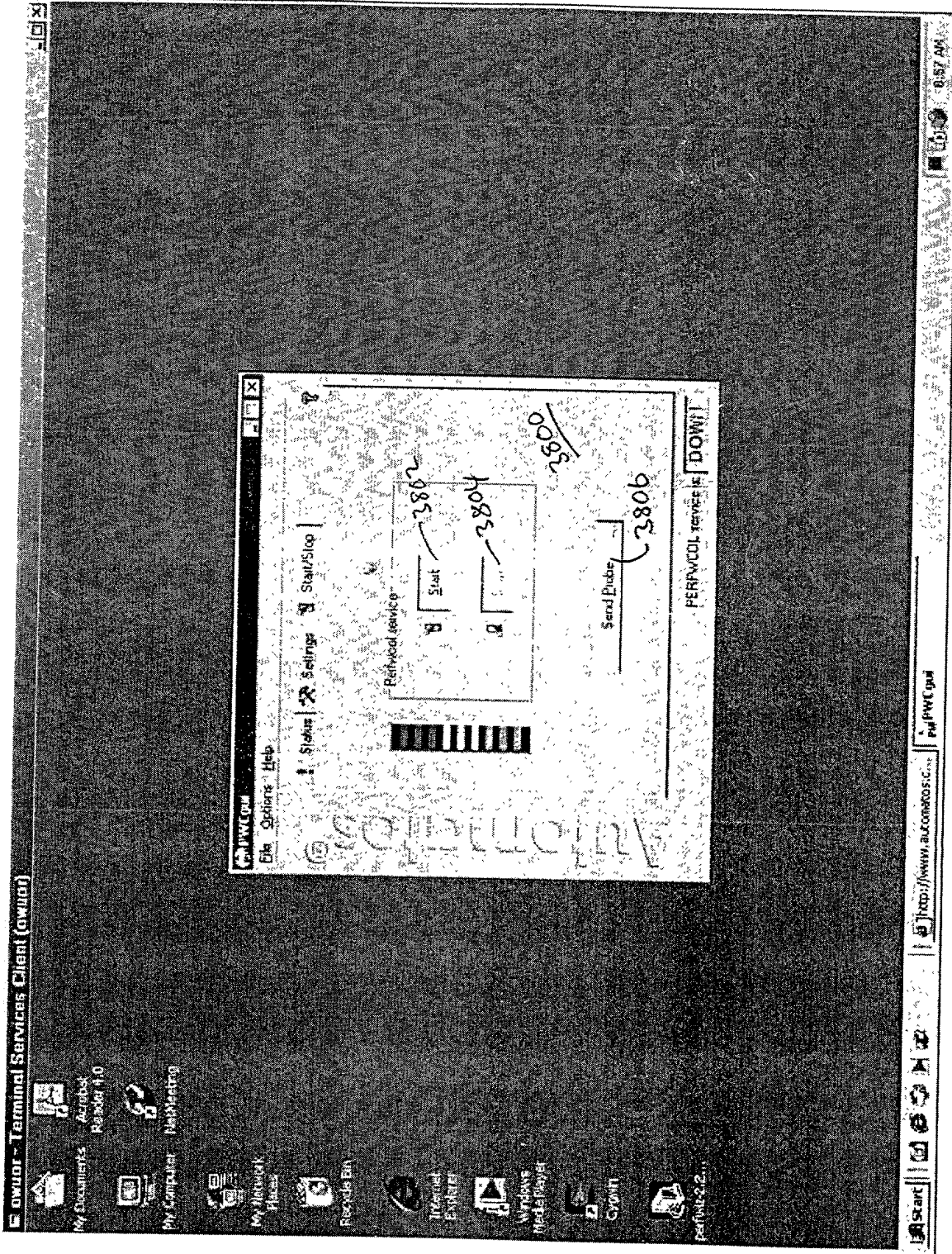


fig. 38